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PTO/SB/18 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032  
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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 621.001	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Named Inventor STEPHEN A. STEINER, III	
		Title Method For The Formation Of Aerogel Precursor Using Rapid Gelation Two-Step Catalysis	
		Express Mail Label No. EV034622106US	
APPLICATION ELEMENTS		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
See MPEP chapter 600 concerning utility patent application contents.			
1. (X) Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		8. ( ) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
2. (X) Applicant claims small entity status See 37 CFR 1.27		a. ( ) Computer Readable Form (CRF)	
3. (X) Specification [Total Pages 22] (preferred arrangement set forth below, MPEP 1503.01)		b. ( ) Specification Sequence Listing on:	
- Descriptive title of the invention		i. ( ) CD-ROM or CD-R (2 copies); or	
- Cross Reference to Related Applications		ii. ( ) paper	
- Statement Regarding Fed sponsored R & D		c. ( ) Statement verifying identity of above copies	
- Reference to sequence listing, a table, or computer program listing appendix		ACCOMPANYING APPLICATION PARTS	
- Background of the invention		9. ( ) Assignment Papers (cover sheet & document(s))	
- Brief Summary of the invention		10. ( ) 37 CFR 3.73(b) Statement ( ) Power of Attorney (when there is an assignee)	
- Brief Description of the Drawings (if filed)		11. ( ) English Translation Document (if applicable)	
- Detailed Description		12. ( ) Information Disclosure Statement (IDS)/PTO-1449 ( ) Copies of IDS Citations	
- Claims		13. ( ) Preliminary Amendment	
- Abstract of the Disclosure		14. (X) Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
4. (X) Drawing(s) (35 U.S.C. 113) [Total Sheets 3]		15. ( ) Certified Copy of Priority Document(s) (if foreign priority is claimed)	
5. Oath or Declaration [Total Pages 1]		16. (X) Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) - Applicant must attached form PTO/SB/35 or its equivalent	
a. (X) Newly executed (original or copy)		17. ( ) Other:	
b. ( ) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 16 completed)			
i. ( ) <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33 (b).			
6. ( ) Application Data Sheet. See 37 CFR 1.76			
7. ( ) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP) of prior application No: _____/_____ Prior application information: Examiner _____ Group / Art Unit: _____ For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
17. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label		or <input checked="" type="checkbox"/> Correspondence address below	
(Insert Customer No. or Attach bar code label here)			
Name	Mathew E. Corr		
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Name (Print/Type) Mathew E. Corr		Registration No. (Attorney/Agent) 45,434	
Signature		Date 3/8/02	

Applicant: STEPHEN A. STEINER, III

CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL - POST OFFICE TO ADDRESSEE, in an envelope addressed to BOX PATENT APPLICATION, COMMISSIONER FOR PATENTS, Washington, DC 20231 on March 8, 2002. The Express Mail Label No. is EV034622106US.

Dawn M. Oleszak      3-8-02  
Dawn M. Oleszak      Date

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

☒ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$388.00

## Complete if Known

Application Number

Filing Date

First Named Inventor

Stephen A. Steiner, III

Examiner Name

Group Art Unit

Attorney Docket No.

621.001

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit AccountDeposit  
Account  
Number  
Deposit  
Account  
Name

50-1170

Boyle, Fredrickson, Newholm, Stein &amp; Gratz S.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$370.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below	Fee Paid
Independent	Multiple Dependent	22	3		
22	-20**=	2	X	9	18.00
2	-3**=	0	X	18	0

Multiple Dependent

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$18.00)

\*\* or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee	Fee	Fee	Fee		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Mathew E. Corr

Registration No  
(Attorney/Agent)

45,434

Telephone

414-225-9755

Signature



Date

3/8/02

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

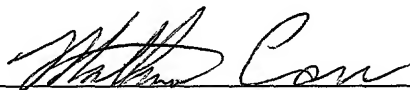
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	STEPHEN A. STEINER, III
	Title	METHOD FOR THE FORMATION OF AEROGEL PRECURSOR USING RAPID GELATION TWO- STEP CATALYSIS
	Atty. Docket Number	621.001

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

March 8, 2002

Date



Signature

Mathew E. Corr

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(b)(iii)).**